

MINUTES
of the
GOVERNMENT TECHNICAL & RESEARCH COMMITTEE MEETING
NATIONAL INSULATION MANUFACTURERS ASSOCIATION
Washington, D. C. December 4, 1963

Land Session

The meeting was called to order at 9:15 A. M., with the following in attendance:

A. L. Graul	Bureau of Yards & Docks
E. L. Broggini	Office of Chief of Engineers
R. E. Lyons	General Service Administration
F. J. Powell	National Bureau of Standards
J. S. King	U. S. Veterans Administration
F. A. Govan	Building Research Advisory Board
W. Y. Loux	GSA Public Buildings Service
W. E. Miller	Pittsburgh Corning Corp.
W. R. Seipt	Keasbey & Mattison Co.
S. Heard	Owens-Corning Fiberglas Corp.
R. E. Harmon	Pittsburgh Plate Glass Co.
K. M. Ritchie	Baldwin-Ehret-Hill Inc.
C. E. Ernst	Johns-Manville Sales Corp.
R. P. Austin	Gustin-Bacon Mfg. Company
J. Cordrey	Fibreboard Paper Products Co.
W. A. Lotz	Owens-Corning Fiberglas Corp.
J. Waters	Gustin-Bacon Mfg. Company
J. M. Barnhart	NIMA

PROPOSED REVISIONS TO FEDERAL SPECIFICATION FOR INSULATION,
BLOCK & PIPE, THERMAL, CALCIUM SILICATE (HH-1-523)

This specification was discussed with regard to the philosophy of classifying pipe insulation with regard to jackets, with three suggestions as follows:

1. A basic material specification with a supplementing jacket specification. This suggestion was the least favored as two basic documents would be needed to order material.
2. A basic material specification with the jacket information contained within the specification.
3. A basic material specification with the pipe insulation classified as to jackets.

The third suggestion seemed to be slightly more in favor with the Government Agencies than the others.

NIMA will consider these suggestions and submit a proposed revision to HH-I-523 to GSA sometime in February, 1964.

INTERIM FEDERAL SPECIFICATIONS, INSULATION, THERMAL,
MINERAL FIBER (FOR ELEVATED TEMPERATURES) and (FOR LOW
TEMPERATURES), HH-I-00558 and HH-I-00559

The specifications which were promulgated by GSA from drafts prepared by NIMA were discussed.

The specs combine 5 existing Federal Specifications into two specifications.

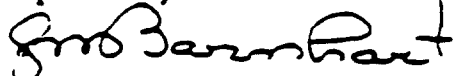
Comments from NIMA on these specifications will be given to GSA sometime in February, 1964.

ADJOURNMENT

There being no further business

The meeting was adjourned.

Respectfully submitted


J. M. Barnhart

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Maritime Session

The meeting was called to order at 9:15 A. M. by the acting Chairman, A. Kincaid, with the following in attendance:

C. deW. Herreshoff	Bureau of Ships, Code 649
J. H. Chilcote	Bureau of Ships, Code 634C
A. L. Munkres	Bureau of Ships, Code 648A
R. P. Seith	Bureau of Ships, Code 634A
J. F. Brackett	Maritime Administration, Code 832.4
J. W. Ford	U. S. Coast Guard (ENE)
A. F. Inileto	U. S. Coast Guard (ENE)
W. M. Lawall	U. S. Coast Guard (ETD)-
R. C. Hale	U. S. Coast Guard (MMT-3)
D. E. McDaniel	U. S. Coast Guard (MMT)
P. R. Achenbach	National Bureau of Standards
J. W. Cordrey	Fibreboard Paper Products Co.
W. P. Ellis	Benjamin Foster Co.
W. T. Irwin	Pittsburgh Plate Glass Co.
A. Kincaid	Owens-Corning Fiberglas Corp.
Joseph Lynch	Johns-Manville Sales Corp.
W. P. Sinclair	Pittsburgh Corning Corp.

A. Section 12: pages 40, 41, Maritime Administration Basic Specification for Cargo Ship Construction (Heating and Ventilating Section)

1. U. S. Coast Guard requirements for incombustible materials precludes use of material meeting MIL-I-742, Type II and Class 5 of MIL-I-22023, and MIL-I-22344. Specifications for one ship are being revised using trade names of materials listed under 164,009 of the U. S. Coast Guard Equipment List.
2. Maritime Administration was asked to consider the following:
 - a. Permit use of molded type insulation on round ducts in addition to blanket types.
 - b. Need for full coverage of adhesive application to duct surface.
 - c. Review section on round duct concerned with use of staples as means of fastening.

- d. Make more specific reference to suitable types of cloth used for finishing. (Asbestos or glass)
 - e. Review requirement specifying 2" overlap of cloth or tape and consider 1" minimum overlap.
 - f. Future specifications should reference government and ASTM specifications rather than trade names. (NIMA is asked to comment on specifications in this manner).
 - g. Investigate need for coat of adhesive between cloth lagging and insulation surface. Manufacturers to work with Benjamin Foster to determine this need and submit to Maritime for evaluation.
- 3. Government T & R Group will provide a recommendation on Section 12 to NIMA. Maritime Administration will provide a proposed basic specification for discussion purposes.
 - 4. Government T & R Group asks NIMA T & R Committee to review section 4.2.5 of Maritime Spec. 32-MA-3b, Vibration Test. Suggestion made to compare this test with MIL-Std-167.
- B. Coast Guard Requirements for Ull and Pipe Insulation Aboard Ships.
- 1. Coast Guard reviewed need for incombustible materials in service areas and accommodation spaces for passengers and crew in passenger, cargo and tank vessels.

There being no further business, the meeting was adjourned.

Respectfully submitted

W. T. Irwin

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Joint Afternoon Session

In addition to those attending the morning sessions the following was in attendance:

C. J. Hendrickson

M. H. Detrick Company

The items that were discussed in the Land Session & Marine Session that were held in the morning were outlined.

COSTS OF TESTING

It was reported that many of the manufacturers thought that the repeated testing of materials that was required under several specifications was unnecessary and that the costs of this testing were passed on to the agencies buying the material.

It was believed that a modified QPL plan, manufacturer's certification and/or an NIMA sponsored certification program would help alleviate this problem.

CONSISTENCY TEST (ASTM C 405)

A manufacturer reported that tests he conducted in his laboratory seemed to indicate that the ASTM Method of Test for Consistency (ASTM C 405) of thermal insulating cements did not give consistent results. It was reported that the ASTM C-16 Subcommittee responsible for this test method had investigated this subject and come to the conclusion that the test method was valid.

FUTURE AGENDAS

Subjects to be included on future agendas are:

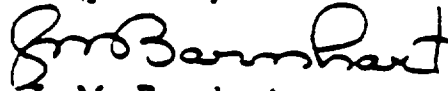
1. HH-I-561 - Insulations, Block & Pipe Covering, Thermal (Asbestos for Temperatures up to 1200F).
2. Description and terminology pertaining to jackets.

3. Standard canvas (minimum weight) jackets in government specifications.
4. Premolded duct systems & duct insulations.
5. Non-conductive covering specification (GSA)

ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted


J. M. Barnhart